

Please Add the following new claims:

1 **21.** A device for reducing power consumption in infrared-enabled appliances having a power
2 supply and transceiver system forming a circuit including a switch, comprising:

3 a discovery signal receiver and power actuator module, said module configured to
4 recognize incident Ir discovery signals and responsively activate said switch, where the incident
5 discovery signals are essentially IrDA compliant.

1 **22.** The device of Claim 21, wherein said discovery signal receiver and power actuator module
2 further comprises:

3 an infrared receiver; and

4 discovery signal detection circuitry configured to recognize infrared discovery
5 signals incident to said receiver and emit a power-up signal to said switch.

6 **23.** The device of Claim 22, wherein said discovery signal receiver and power actuator module
7 consumes less than one milliamperes of electrical current.

1 **24.** The device of Claim 22, wherein said power-up signal can be instigated by user input.

1 **25.** The device of Claim 22, wherein said switch defines an open condition and a closed
2 condition, said closed condition being activated upon receipt of said power-up signal.

1 **26.** The device of Claim 25, wherein electrical power is supplied to said transceiver system when
2 said switch is in said closed condition, and said power is interrupted to said transceiver system
3 when said switch is in said open condition.

1 **27.** The device of Claim 25, wherein said transceiver system can instigate said power-up signal.

1 **28.** The device of Claim 23, wherein said discovery signal comprises an essentially IrDA-
2 compliant 9600 baud infrared signal incident upon said infrared receiver.

1 **29.** A system for reducing power consumption in infrared-enabled appliances having at least one
2 power supply and at least one transceiver system forming a circuit, comprising:

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3 a low power standby module for detecting incident essentially-IrDA-compliant Ir
4 discovery signals, said circuit being responsive to said low power standby module means.

1 **30.** The system of Claim 29, wherein at least one said transceiver system defines a standby
2 mode, and a full-power mode, said standby mode being activated by said low power standby
3 module.

1 **31.** The system of Claim 30, wherein said low power standby module is integral to said at least
2 one transceiver system .

1 **32.** The system of Claim 31, wherein said circuit further comprises a switch for switching
2 between said standby mode and said full-power mode.

1 **33.** The system of Claim 32, wherein said switch is responsive to a power-up signal.

1 **34.** The system of Claim 32, wherein said power-up signal is generated by said low power
2 standby power module in response to said detection of an essentially-IrDA-compliant infrared
3 discovery signal.

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1 **35.** A method for reducing power consumption in infrared-enabled appliances having a power
2 supply and a transceiver system forming a circuit, comprising:

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3 powering down said transceiver system to a low power standby state;

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4 detecting at least one incident essentially IrDA-compliant Ir discovery signal; and

5 powering up said transceiver system to a full power state.

1 **36.** The method of Claim 35 wherein said powering up is performed in response to said
2 detecting.

1 **37.** The method of Claim 36, wherein said powering up is further performed in response to user
2 input.

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1 **38.** The method of Claim 36, wherein said detecting is performed by a discovery signal receiver
2 and power actuator module.

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39. The method of Claim 38, wherein said detecting is performed by a discrete discovery signal receiver and power actuator module.

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40. The method of Claim 38, wherein said detecting is performed by a discovery signal receiver and power actuator module that is integral to said transceiver system.
